

Remarks

Claims 1, 3-8 and 10-15 are currently pending in the patent application. For the reasons and arguments set forth below, Applicant respectfully submits that the claimed invention is allowable over the cited reference.

The Final Office Action dated April 23, 2007 listed the following rejections: claim 7 stands rejected under 35 U.S.C. § 112(2); claims 1-3, 6-8, 10, 12 and 14 stand rejected under 35 U.S.C. § 102(b) over Ren (U.S. 6,538,509); and claims 13 and 15 stand rejected under 35 U.S.C. § 103(a) over Ren.

Applicant acknowledges and appreciates the indication of the allowability of claims 2, 4-5, 9 and 11. In an effort to facilitate prosecution, Applicant has amended claims 1 and 8 to incorporate those aspects of claims 2 and 9 respectively which the Examiner indicated as the basis for the allowability of claims 2 and 9. *See, e.g.*, page 4 of the instant Office Action. Applicant has also amended independent claim 7 to include similar aspects. Accordingly, Applicant respectfully submits that claims 1, 3-8 and 10-15 are in condition for allowance.

Applicant respectfully traverses the Section 112(2) rejection of claim 7 because claim 7 does particularly point out and distinctly claim the subject matter which Applicant regards as the invention. Applicant submits that one of skill in the art would recognize that “varicap” is an element that has a variable capacitance such as a varicap diode. In an effort to facilitate prosecution, Applicant has amended claim 7 to recite an element having a variable capacitance. Thus, claim 7 is definite and in compliance with Section 112(2). Therefore, Applicant requests that the Section 112(2) rejection of claim 7 be withdrawn.

In view of the remarks above, Applicant believes that each of the rejections has been overcome and the application is in condition for allowance. Should there be any remaining issues that could be readily addressed over the telephone, the Examiner is asked to contact the agent overseeing the application file, Peter Zawilski, of NXP Corporation at (408) 474-9063.

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